

Process Model

MODEL CHOSEN: Waterfall Model

EXPLANATION:

1. We have a well defined set of requirements that will not be changing, since we are making a modified and consolidated version of an existing system (from Facebook groups to a website).
2. We are also the stakeholders and the users and thus there are no gaps between our understanding of the product and the true requirements.
3. The project has few main segments (buyer, seller, admin) and relatively few algorithms (filtering, searching, rating), and is thus relatively small scale.
4. Since there is a minimal cost component, the economic risk is very low.
5. We have a highly competent, collaborative team of members who are confident about finishing in the specified time period.